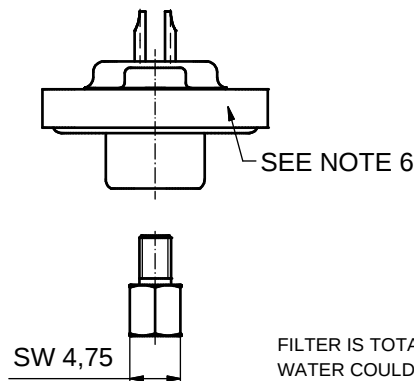
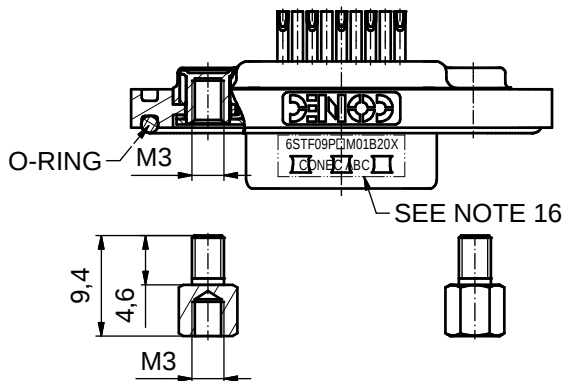
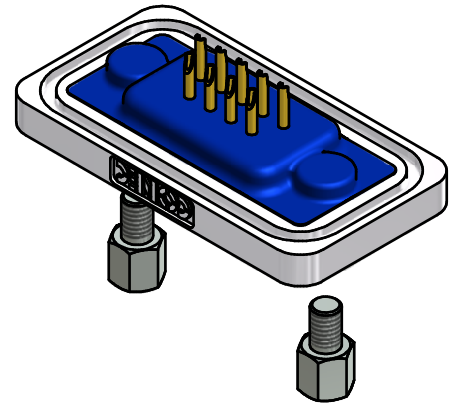
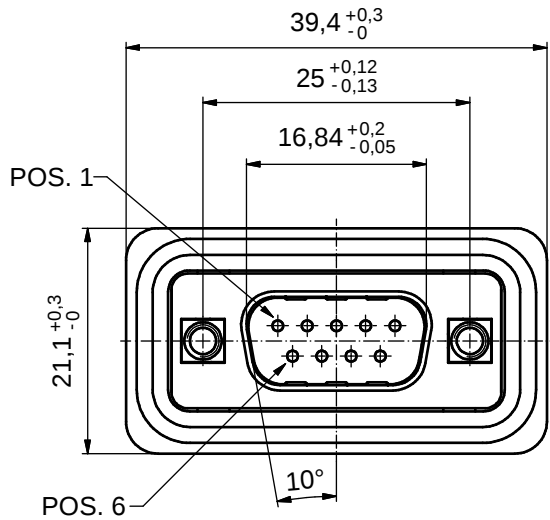
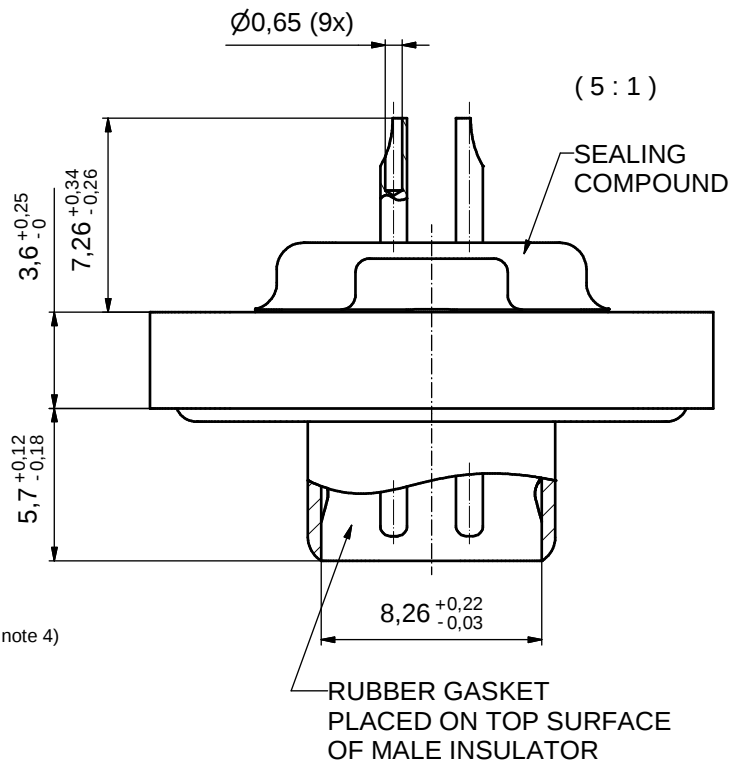


NOTES:

1. RECOMMENDED SOLDER INSTRUCTION SEE SHEET 2
2. METALSHELLS: COPPER ALLOY; min. 315µin TIN over 40-80µin NICKEL
3. INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0, BLACK
3. CONTACTS: COPPER ALLOY; PLATING (SEE PART NO.)
 - PLEASE ADD C for 30µin HARD GOLD over min. 50µin NICKEL
 - PLEASE ADD B for 20µin HARD GOLD over min. 50µin NICKEL
 - PLEASE ADD A for GOLD FLASH over NICKEL (PREFERRED TYPE)
- SOLDER CUP ACCEPTS CABLE AWG 26
5. THREADED INSERTS: COPPER ALLOY; min 200µin TIN over 80µin NICKEL
6. FRAME: ZINC DIE CAST; NICKEL PLATED
7. RUBBER-GASKET: TPE; BLACK
8. COLLARS: COPPER ALLOY; min 200µin TIN over 80µin NICKEL
9. HEXLOCKING SCREWS: STAINLESS STEEL
10. O-RING: SILICON; BLUE
11. SEALING COMPOUND: PUR; BLUE
12. CAPACITANCE: 180pF± 20%
13. DIELECTRIC WITHSTANDING VOLTAGE: 424 VDC
14. RECOMMENDED PANEL CUT-OUT on SHEET 2
15. RECOMMENDED TORQUE FOR MOUNTING SCREW 35N cm (3.1 in.LB) / max. 40N cm (3.5 in. LB)
16. CONNECTOR IS PART MARKED: **6STF09P□M01B20X CONEC ABC** (see note 4)



FILTER IS TOTALLY GUARDED AGAINST HUMIDITY. WATER COULD PENETRATE INTO THE MATING AREA. AT ALL TIMES WATER RESISTANT CONNECTORS NOT IN USE SHOULD BE COVERED WITH A CONEC WATER RESISTANT CAP OR WATER TIGHT HOOD.

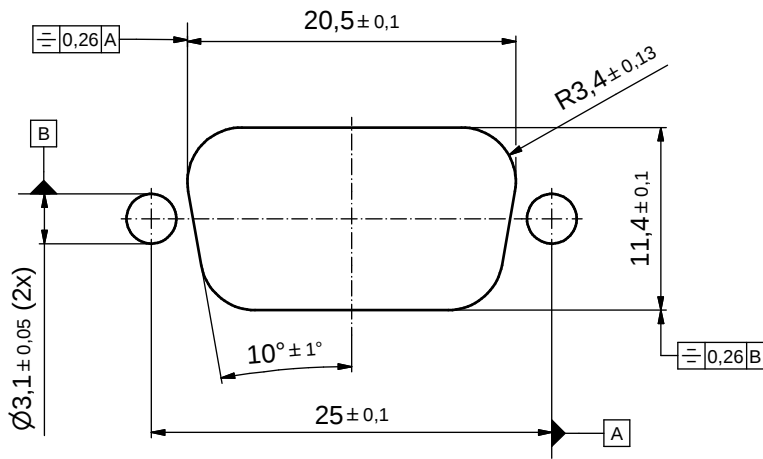
RoHS compliant

THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH				tolerance		 dim. in mm	scale: 2:1 (5:1)					
							material: SEE NOTES					
								drawn	05.02.2015	Heinrich	title: D-SUB FILTER MALE 9pos. SOLDER CUP with threaded insert and hexlocking screw	
								appd.	05.02.2015	Lehmenkühler		
								norm				
				d-old			dwg no:					
a	Original							15K1A1615		DIN-A3		
rev.	description	date	name					part no: 6STF09PAM01B20X		sh: 1		

Solder Instruction

1. Cable should be prepared for soldering. The cable/wires must be pretinned.
2. Insert cable/wire into solder cup.
3. Operate the soldering iron at 350°C, 50 Watt max. and use a pencil tip.
4. Put tip to wire in solder cup.
5. After 1 second bring in solder.
6. Heat for 3 seconds longer. Do not heat contact more than 4 seconds in total.
7. Remove soldering iron.
8. Wait until solder gets rigid again.
9. Do not solder adjacent contacts consecutively,
alternate position within the connector to minimize heat build up.

RECOMMENDED PANEL CUT-OUT



THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH				tolerance		 dim. in mm	scale: 3:1					
							material: SEE SHEET 1					
									date	name	title: RECOMMENDED PANEL CUT-OUT D-SUB FILTER MALE 9pos. SOLDER CUP with threaded insert and hexlocking screw	
								drawn	05.02.2015	Heinrich		
								appd.	05.02.2015	Lehmenkühler		
								norm				
				d-old			dwg no: 15K1A1615					
												
a	Original						part no: SEE SHEET 1					
rev.	description	date	name	DIN-A3 sh: 2								

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[6STF09PAM01B20X](#)